UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 1:

Line 46, "symbols" should read --symbol--.

COLUMN 4:

Line 2, "resulting" should read --resulting in--.

COLUMN 6:

Line 57, "Fourth stage) $X2n+1=D2n+1-\alpha \cdot X2n+2$" should read
--Fourth stage) $X2n+1=D2n+1-\alpha \cdot X2n-\alpha \cdot X2n+2$--.

COLUMN 9:

Line 53, "sowing" should read --showing--; and
Line 61, "filer" should read --filter--.

COLUMN 11:

Line 58, "a an" should read --as an--; and
Line 61, "a an" should read --as an--.

COLUMN 14:

Line 32, "compute" should read --computes--.

COLUMN 18:

Line 63, "$E0=X0+2\alpha \cdot D1$ (2a)" should read --$E0=X0+2\beta \cdot D1$ (2a)--.

COLUMN 19:

Line 63, "6are" should read --6 are--.

COLUMN 24:

Line 30, "Liming" should read --timing--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 6,996,593 B2
APPLICATION NO. : 09/982,916
DATED   : February 7, 2006
INVENTOR(S)   : Tadayoshi Nakayama

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 30:

    Line 28, "is, the" should read --is, ¶ the--.

COLUMN 33:

    Line 62, "selects" should read --selectors--.

COLUMN 34:

    Line 45, "methods" should read --methods are used--.

COLUMN 36:

    Line 38, "2x2 data" should read --¶ 2x2 data--.

COLUMN 39:

    Line 14, "coefficient," should read --coefficient;--;
    Line 18, "unit;" should read --unit;--;
    Line 36, "and" should be deleted; and
    Line 41, "the" (first occurrence) should be deleted.

COLUMN 40:

    Line 32, "have" should read --having a--.

Signed and Sealed this

Eighth Day of August, 2006

JON W. DUDAS
Director of the United States Patent and Trademark Office